BRUHAT BANGALORE MAHANAGARA PALIKE

EXECUTIVE ENGINEER-4 LAKES DIVISION

Detailed Estimate

Rates as per PWD BC SR 2018-19

Name of Work : Providing Waterbody fencing, fencing to vacant land at waste wier, Damaged boundry fencing,walking path and other development work at Doddabommasandra lake ward 10.

Provision made in estimate:

Providing chainlink fencing of 1.00 mtr height at water body side. For a length of 2590.00 Mtr To avoid any one falling into waterbody ..... For safety purpose

Sl no	Description Of Work	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-2 : **Earthwork excavation by manual means for foundation** of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.								
	Excavation for foundation of buildings, water supply sanitary lines, electrical conduits								
	(PWD BC SR 2018-19,P-6,I-2.3)								
	Basic Rate: =						299.00		
	where excavation width is above 600 mm below 1.5 mtrs. depth add						74.75		
	SUB TOTAL =						373.75		
	Add area weightage 6% as per PWD- SR Note =						22.43		
	Total item Rate =						396.18		
			1295	0.70	0.60	0.60	326.34		
							326.34		
	Total	**Cum**					**326.34**	**396.18**	**129287.75**
2	Providing and laying in **position plain cement concrete** of mix 1:3:6 with OPC cement @ 240kgs, **with 40mm and down size** graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.459cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.								
	(PWD BC SR 2018-19, P-13 I-4.2)								
	Basic Rate: =						5194.00		
	Add area weight age 6% as per PWD- SR Note =						311.64		
	Total item Rate =						5505.64		
			1295	0.70	0.60	0.15	81.59		
							81.59		
	Total	**Cum**					**81.59**	**5505.64**	**449177.64**
3	Providing and laying in position **plain cement concrete** of Mix 1:2:4 with OPC @ 220kgs, with 20mm and down size gradedgranite metal coarse aggregates @0.69 cum and fine aggregtes@ 0.56cum, machine mixed, concrete laid in layers not exceedin15 cms. thick, well compacted, in foundation, plinth and cills, includingcost of all materials, labour, HOM curing complete as per specifications								
	PWD BC SR 2018-19 .page 13 item 4.6								
	Basic Rate: =						5422.00		
	Add area weight age 6% as per PWD- SR Note =						325.32		
	Total item Rate =						5747.32		
			1295	0.70	0.60	0.60	326.34		
							326.34		
	Total	**Cum**					**326.34**	**5747.32**	**1875580.41**
4	Supplying and fixing **M.S. Rectangular poles** made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer- in - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete)								
	PWD BC SR 2018-19 KBS page 266 item 37.2								
	Basic Rate: =						859.00		
	Add area weight age 6% as per PWD- SR Note =						51.54		
	Total item Rate =						910.54		
			1295	1.8			2331.00		
							2331.00		
	Total	**Mtr**					**2331.00**	**910.54**	**2122468.74**

Scanned by CamScanner

	Description Of Work	Unit	No	L	B	D	Qty	Rate	Amount
5	**Providing chain link fencing** 50mm size of 8 gauge properly stretched between rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint								
	(PWD BC SR 2018-19 .page 266 item 37.3)								
	Basic Rate: =						715.00		
	Add area weight age 6% as per PWD- SR Note =						42.90		
	Total item Rate =						757.90		
			1	2590	1.00		2590.00		
							2590.00		
	Total	**Sqm**					**2590.00**	**757.90**	**1962961.00**
6	Providing and fixing **M.S. Block pipe of 38mm** dia, of heavy gauge of 14 including removing the bends, cutting the pipe, and fixing pipe in between the two vertical poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by `the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint								
	(PWD BC SR 2018-19 .page 266 item 37.4)								
	Basic Rate: =						408.00		
	Add area weight age 6% as per PWD- SR Note =						24.48		
	Total item Rate =						432.48		
			2	2590			5180.00		
	Deduct for Pole width		1	1295.00		0.065	84.18		
							5095.83		
	Total	**Mtr**					**5095.83**	**432.48**	**2203842.40**
								SUB-TOTAL	**87,43,317.93**
7	**Works contract GST 12%** as per 2018-19 PWD BC SR Note.5 as per Govt Letter No.PWD 65 RDF 2017, Dated 11-10-2018								**10,49,198.15**
8	Provision for **PMC charges at 1 %** of sub total amount								**87,433.18**
9	GST 18% for PMC								**15,737.97**
10	Contingency, Miscellaneous & rounding off								**4,312.76**
								GRAND-TOTAL	**99,00,000.00**

Total (Rupees Ninety Nine Lakhs Only)

CERTIFICATE:-

1) This work spot has been inspected and the work is found to be necessary.
2) The work proposed in this estimate is not included in any other scheme.
3) The provision were made in this estimate are necessary essential and adequate to execute the work as per site condition.
4) The above work location is coming under jurisdiction of BBMP limit.
5) This eatimate was prepared based on PWD BC SR 2018-19 Bangalore circle

21/5/2020
Environmental Engineer,
Lakes Division BBMP

21/5/2020
Assistant Executive Engineer,
Lakes Division BBMP

21/5/20
Executive Engineer-4,
Lakes Division BBMP

Administrative sanction 99,00,000/-
Rs. Ninety Nine Lakhs only/-
is accorded Under head 2415
Registered as CE/SE/EE No 01/20-21
Subject to conditions contained in enclosed
Memo No. AS/01/20-21 Date 09/06/20
AE/AE — EE/SE/CE 9/6/20

Technically sanctioned for Rs. 99,00000/-
Rs. Ninety Nine lakhs only/-
Under 2415
Registered as CE/SE/EE No 01/20-21
Subject to conditions contained in enclosed
Memo No. TS/01/20-21 Date 01-07-2020
AE/AE 01/07/2020 — EE/SE/CE

Scanned by CamScanner